

WHAT IS CLAIMED IS;

1. An indicator provided for a vehicle, the indicator comprising:

a polarized light splitter which penetrates and reflects
5 an un-polarized light irradiated from a light source and
divides the un-polarized light into a p-polarized light whose
oscillation direction of an electric field is parallel to a
incidence plane of the polarized light splitter and an
s-polarized light whose oscillation direction of an electric
10 field is perpendicular to the incidence plane, wherein

at least one of the p-polarized light and s-polarized
light is emitted from the polarized light splitter as a
horizontal polarized light whose oscillation direction of an
electric field is substantially parallel to a ground.

15

2. The indicator according to claim 1 further comprising:

a converter converting the p-polarized light into the
s-polarized light or s-polarized light into the p-polarized
light, wherein

20 at least one of the p-polarized light and s-polarized
light is emitted from the polarized light splitter as a first
horizontal polarized light whose oscillation direction of an
electric field is substantially parallel to a ground, and

the other of the p-polarized light and s-polarized light
25 is emitted from the polarized light splitter as a second
horizontal polarized light whose oscillation direction of an

electric field is substantially parallel to a ground after changing the polarization direction by the converter.

3. The indicator according to claim 1, wherein
5 the polarized light splitter is a polarized beam splitter.

4. The indicator according to claim 2, wherein
the polarized light splitter is a polarized beam splitter.

10 5. The indicator according to claim 2, wherein
the converter is a half-wave plate.

6. The indicator according to claim 4, wherein
the converter is a half-wave plate.

15 7. The indicator according to claim 1, wherein
the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

20 8. The indicator according to claim 2, wherein
the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

9. The indicator according to claim 3, wherein
25 the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

10. The indicator according to claim 4, wherein
the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

5

11. The indicator according to claim 5, wherein
the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

10 12. The indicator according to claim 6, wherein
the indicator is provided on the vehicle body positioned
in the vicinity of a center line of a road.

13. A vehicle equipped with an indicator of claim 1, wherein
15 the indicator is provided at a driver's seat side of a body
of the vehicle.

14. An indicator provided for a vehicle, the indicator
comprising:

20 a light source which emits an un-polarized light;
a collimator which makes the un-polarized light
irradiated from the light source into parallel beams of light
by making angles of irradiation in alignment with one another;
a polarized light splitter which splits the un-polarized
25 light passed through the collimator into a p-polarized light
whose oscillation direction of an electric field is parallel

to a incidence plane of the polarized light splitter and an s-polarized light whose oscillation direction of an electric field is perpendicular to the incidence plane;

5 a polarization adjustor which emits at least one of the p-polarized light and s-polarized light as a horizontal polarized light whose oscillation direction of an electric field is substantially parallel to a ground.